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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

*(only for new nonprovisional applications under*

**37 CFR 1.53(b))**

5093 US

**Nicholas J. Kelsey**

## S & M For Instruction Level Multithreading In An Embedded Processor Using Zero-Time Context Switching

EL482474709US

### ACCOMPANYING APPLICATION PARTS

1. ☒ Fee Transmittal Form (in duplicate)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27
3. ☒ Specification Total Pages 45  
(preferred arrangement set forth below)
- Descriptive Title of the Invention
  - Cross Reference(s) to Related Case(s)
  - Statement Regarding Fed sponsored R & D
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawing(s)
  - Detailed Description
  - Claim or Claims
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. Total Sheets 10  
113)
5. Oath or Declaration
- a. ☒ New Declaration Total Pages 3  
☐ Executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ Assignment Papers (cover sheet & document(s))
8. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
9. ☐ Power of Attorney or Authorization of Agent
10. ☐ 37 CFR 3.73(b) Statement
11. ☐ Preliminary Amendment
12. ☐ Information Disclosure Statement & PTO-1449  
☐ Copies of IDS Citation(s)
13. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent
14. ☒ Return Postcard
15. ☐
16. ☐
17. ☐

**ADDRESS TO:**

**Box Patent Application**  
**Commissioner for Patents**  
**Washington, D.C. 20231**

**18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment or in an Application Data Sheet under 37 CFR 1.76:**

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No: \_\_\_\_/\_\_\_\_

Prior application information: Examiner: \_\_\_\_\_ Group/Art Unit: \_\_\_\_\_

**For CONTINUATION OR DIVISIONAL APPS only:** The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuing or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

### 19. CORRESPONDENCE ADDRESS



**Customer Number and Bar Code Label**



00758

PATENT TRADEMARK OFFICE

37.186

21 Dec 2000

EL482474709US

0002/PTO(modified) Rev. 10/2000	U.S. Department of Commerce Patent and Trademark Office	<b>Complete if Known</b>
<b>FEE TRANSMITTAL</b>		Application Number      Not Yet Assigned
<b>TOTAL AMOUNT OF PAYMENT</b>		Filing Date                December 21, 2000
Subtotal (1) + Subtotal (2) + Subtotal (3) = <b>(\$355.00)</b>		First Named Inventor      Nicholas J. Kelsey
		Group Art Unit              Not Yet Assigned
		Examiner Name            Not Yet Assigned
		Attorney Docket Number   5093 US

<b>METHOD OF PAYMENT</b>	<b>FEE CALCULATION (continued)</b>
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**1. The Commissioner is hereby authorized to:**

☐ Charge the indicated fees to the below mentioned deposit account.

☒ Charge any additional fee required under 37 CFR 1.16 - 1.21 or credit any over payments to the below mentioned deposit account. <sup>†</sup>

☐ Applicant claims small entity status See 37 CFR 1.27

Deposit Account Number: 19-2555  
Deposit Account Name: FENWICK & WEST LLP

A Duplicate Copy of this authorization is attached

**3. ADDITIONAL FEES**

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
105/\$130	205/\$65	Surcharge - late filing fee or oath	<input type="text"/>
127/\$50	227/\$25	Surcharge-late provisional filing fee or cover sheet	<input type="text"/>
147/\$2,520	147/\$2,520	For filing a request for reexamination	<input type="text"/>
115/\$110	215/\$55	Extension for response within first month <sup>†</sup>	<input type="text"/>
116/\$390	216/\$195	Extension for response within second month <sup>†</sup>	<input type="text"/>
117/\$890	217/\$445	Extension for response within third month <sup>†</sup>	<input type="text"/>
118/\$1,390	218/\$695	Extension for response within fourth month <sup>†</sup>	<input type="text"/>
128/\$1,890	228/\$945	Extension for response within fifth month <sup>†</sup>	<input type="text"/>
119/\$310	219/\$155	Notice of Appeal	<input type="text"/>
141/\$1,240	241/\$620	Petition to revive unintentionally abandoned application	<input type="text"/>
142/\$1,240	242/\$620	Utility Issue Fee (Or Reissue)	<input type="text"/>
143/\$440	243/\$220	Design Issue Fee	<input type="text"/>
122/\$130	122/\$130	Petitions to the Commissioner	<input type="text"/>
126/\$180	126/\$180	Submission of Information Disclosure Statement	<input type="text"/>
179/\$710	279/\$355	Request for Continued Examination (RCE)	<input type="text"/>
581/\$40	581/\$40	Recording each patent assignment per property (times number of properties)	<input type="text"/>
146/\$710	246/\$355	Filing a submission after final rejection (37 CFR 1.129(a))	<input type="text"/>
149/\$710	249/\$355	For each additional invention to be examined (37 CFR 1.129(b))	<input type="text"/>
Other fee (specify):			<input type="text"/>
Other fee (specify):			<input type="text"/>
<b>SUBTOTAL (3)</b>			<b>(\$0.00)</b>

**2. ☒ Payment Enclosed:**

☒ Check    ☐ Credit Card    ☐ Other

**FEE CALCULATION (fees effective 10/01/2000)**

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description	Fee Due
101/\$710	201/\$355	Utility Filing	<b>355</b>
106/\$320	206/\$160	Design Filing	<input type="text"/>
108/\$710	208/\$355	Reissue	<input type="text"/>
114/\$150	214/\$75	Provisional Filing	<input type="text"/>
<b>SUBTOTAL (1)</b>			<b>(\$355.00)</b>

**2. CLAIMS**

Large Entity Fee Code/Fee	Small Entity Fee Code/Fee	Fee Description
103/\$18	203/\$9	Claims in excess of 20
102/\$80	202/\$40	Independent claims in excess of 3
104/\$270	204/\$135	Multiple dependent claim
109/\$80	209/\$40	Reissue independent claims over original patent
110/\$18	210/\$9	Reissue claims in excess of 20 and over original patent

  

(Col. 1)		(Col. 2)		(Col. 3)				
For	No. of Existing Claims	minus*	Highest No. Previously Paid For	=	Extra**	x	Fee	= Fee Due
TOTAL	10	minus*	20 or 0	=	0	x	9	= 0
INDEP	1	minus*	3 or 0	=	0	x	40	= 0
[ ] First presentation of multiple dependent claim								

\* Subtract the greater number of Col. 2  
 \*\* If the difference between Col. 1 and Col. 2 is less than zero, then enter "0" in Col. 3

**SUBTOTAL (2) (\$0.00)**

<b>SUBMITTED BY</b>		<b>Complete (if applicable)</b>	
Typed or Printed Name	John T. McNellis	Reg. Number	37,186
Signature		Date	21 Dec 2000

<sup>†</sup> Request for Extension of Time per 37 CFR 1.136 (a)(3) made hereby  
Rev. 09/30/2000